

## **Abstract Of The Disclosure**

The invention provide methods and compositions for localized delivery of a vector comprising a therapeutic agent to a specific region of the brain that is overstimulated in neurodegenerative diseases. In particular, the invention provides

5 methods and compositions used to deliver an adeno-associated virus vector (AAV) comprising a nucleotide sequence encoding glutamic acid decarboxylase (GAD) to cells in the subthlamic nucleus of the basal ganglia, mesaphilia and thalmus.

10

1308574.1